

WHAT IS CLAIMED IS:

1. An image processing system, comprising:
  - an image capturing device;
  - an image processing data storage terminal to store image processing data necessary to carry out image processing; and
  - an image processing terminal to carry out the image processing, the image processing system processing, with the image processing terminal, the image data captured by the image capturing device based on the image processing data in the image processing data storage terminal;
  - the image processing data storage terminal and the image processing terminal being communicatively connected to each other;*
  - the image capturing device including an image receiving device to receive images as data and an access information associating device to associate access information indicating an acquisition site of the image processing data with the image data received by the image receiving device;
  - the image processing terminal including an image data input device to input the image data from the image capturing device, an image processing data acquisition device to acquire the image processing data from the image processing data storage terminal based on the access information associated with the image data input by the image data input device, and an image data processing device to process the image data input by the image data input device based on the image processing data acquired by the image processing data acquisition device; and
  - the image processing data storage terminal providing the image processing data in response to a request from the image processing terminal.
2. An image processing system, comprising:
  - an image capturing device;
  - an image processing data storage terminal to store image processing data necessary to carry out image processing; and
  - an image processing terminal to carry out the image processing, the image processing system processing, with the image processing terminal, the image data captured by the image capturing device based on the image processing data in the image processing data storage terminal;
  - the image processing data storage terminal and the image processing terminal being communicatively connected to each other;

the image capturing device including an image receiving device to receive images as data, an access information memory device to store access information indicating an acquisition site of the image processing data, and an access information associating device to associate access information in the access information memory device with the image data received by the image receiving device;

the image processing terminal including an image data input device to input the image data from the image capturing device, an access information acquisition device to acquire the access information associated with the image data input by the image data input device, an image processing data acquisition device to acquire the image processing data from the image processing data storage terminal based on the access information acquired by the access information acquisition device, and an image data processing device to process the image data input by the image data input device based on the image processing data acquired by the image processing data acquisition device; and

the image processing data storage terminal including an image processing data memory device to store the image processing data, and an image processing data supplying device to supply an image processing data corresponding to a request from the image processing terminal, among the image processing data in the image processing data memory device to the image processing terminal.

3. The image processing system according to Claim 2, further comprising a plurality of the image processing data storage terminals,

the image processing data acquisition device accessing the image processing data storage terminal specified by the access information acquired by the access information acquisition device, among the plurality of image processing data storage terminals, and acquiring the image processing data from the image processing data storage terminal.

4. The image processing system according to Claim 3, the image processing data being image correcting data representing correcting values to carry out a calculation on the image data in order to correct an image constructed on the basis of the image data.

5. The image processing system according to Claim 3, the image processing data being an image processing module representing program data which corrects an image constructed on the basis of the image data.

6. The image processing system according to Claim 3, the access information associating device adding the access information in the access information memory device to the image data received by the image receiving device.

7. The image processing system according to Claim 3, the access information associating device generating files in a separate manner from the image data received by the image receiving device and the access information in the access information memory device, and adding reference information to one of the image data files storing the image data and the access information file storing the access information, the reference information having the other thereof as a reference site.

8. The image processing system according to Claim 3, the access information associating device encrypting the access information in the access information memory device, and superposing the encrypted access information on the image data received by the image receiving device.

9. The image processing system according to Claim 3, the image capturing device further comprising a capturing information generating device to generate capturing information representing capturing modes or a capturing environment of the image over the image data received by the image receiving device, and a capturing information associating device to associate the capturing information generated by the capturing information generating device with the image data received by the image receiving device.

10. The image processing system according to Claim 3, the access information memory device storing the access information for each of the capturing modes of the image when a plurality of capturing modes are defined; and

the access information associating device reading out the access information corresponding to the plurality of capturing modes, which are all different, from the access information memory device, and associating a plurality of pieces of read access information with the image data.

11. The image processing system according to Claim 10, the image processing terminal further comprising a capturing mode designating device to designate the capturing mode, and

the access information acquisition device acquiring the access information corresponding to the capturing mode designated by the capturing mode designating device among the plurality of pieces of access information associated with the image data input by the image data input device.

12. The image processing system according to Claim 3, the access information memory device storing the access information for each of the output devices when a plurality of output devices to output the image constructed on the basis of the image data are defined; and

the access information associating device reading out the access information associated with a plurality of different output devices from the access information memory device, and associating the plurality of pieces of read access information with the image data.

13. The image processing system according to claim 12, the image processing terminal further comprising an output device designating device to designate the output device, and

the access information acquisition device acquiring the access information associated with the output device designated by the output device designating device among the plurality of pieces of access information associated with the image data input by the image data input device.

14. The image processing system according to Claim 3, the access information being a URL (Uniform Resource Locator).

15. The image processing system according to Claim 3, the image receiving device receiving the image as RAW data.

16. The image processing system according to Claim 15, the image capturing device further comprising an image data compressing device to compress the RAW data received by the image receiving device using a predetermined compressing scheme, and

the access information associating device associating the access information in the access information memory device with the compressed image data compressed by the image data compressing device.

17. The image processing system according to Claim 3, the image processing data memory device storing the compressed image processing data into which the image processing data is compressed using a predetermined compressing scheme,

the image processing terminal further comprising an image processing data restoring device to restore the compressed image processing data acquired by the image processing data acquisition device using a restoring scheme corresponding to the compressing scheme, and

the image data processing device processing the image data input by the image data input device based on the image processing data restored by the image processing data restoring device.

18. The image processing system according to Claim 3, the image data processing device generating CMYK data from the image data input by the image data input device.

19. The image processing system according to Claim 3, the image processing terminal being a printer to carry out printing based on the image data processed by the image data processing device.

20. An image capturing device adapted to the image processing system according to claim 2, comprising:

an image receiving device to receive images as data;

an access information memory device to store access information indicating an acquisition site of the image processing data; and

an access information associating device to associate the access information in the access information memory device with the image data received by the image receiving device.

21. An image processing terminal adapted to the image processing system according to claim 2, comprising:

an image data input device to input the image data from the image capturing device;

an access information acquisition device to acquire access information associated with the image data input by the image data input device;

an image processing data acquisition device to acquire the image processing data from the image processing data storage terminal based on the access information acquired by the access information acquisition device; and

an image data processing device to process the image data input by the image data input device based on the image processing data acquired by the image processing data acquisition device.

22. An image processing data storage terminal adapted to the image processing system according to claim 2, comprising:

an image processing data memory device to store the image processing data;

and

an image processing data supplying device to supply an image processing data corresponding to a request from the image processing terminal among the image processing data in the image processing data memory device to the image processing terminal.

23. A program for a device, for execution in the image capturing device according to claim 20, comprising:

a program for executing a process implemented by the access information associating device to associate the access information in the access information memory device with the image data received by the image receiving device.

24. A program for a terminal, for execution in the image processing terminal according to claim 21, comprising:

a program for executing process implemented by the image data input device to input the image data from the image capturing device, the access information acquisition device to acquire the access information associated with the image data input by the image data input device, the image processing data acquisition device to acquire the image processing data from the image processing data storage terminal based on the access information acquired by the access information acquisition device, and the image data processing device to process the image data input by the image data input device based on the image processing data acquired by the image processing data acquisition device.

25. A program for a terminal, for execution in the image processing data storage terminal according to claim 22, comprising:

a program for executing a process implemented by the image processing data supplying device to supply an image processing data corresponding to a request from the image processing terminal among the image processing data in the image processing data memory device to the image processing terminal.

26. A data structure of image data in the image processing system according to claim 6, comprising:

an acquisition site of the image processing data, the image data and the access information indicating the acquisition site of the image processing data, the access information being added to the image data.

27. An image processing method of communicatively connecting to each other an image processing data storage terminal to store image processing data necessary to carry out image processing and an image processing terminal to carry out the image processing based on the image processing data, and of processing the image data captured by the image capturing device using the image processing data storage terminal, the image processing terminal and the image capturing device, the method comprising:

in the image capturing device:

receiving an image as data; and

associating access information in an access information memory device to store access information indicating an acquisition site of the image processing data with the image data received in the image receiving;

in the image processing terminal:

inputting the image data from the image capturing device;

acquiring the access information associated with the image data input in the image data inputting; and

acquiring the image processing data from the image processing data storage terminal based on the access information acquired in the access information acquiring;

in the image processing data storage terminal:

supplying, in response to a request from the image processing terminal, image processing data among image processing data in an image processing data memory device to store the image processing data to the image processing terminal; and

in the image processing terminal:

processing image data input in the image data inputting based on the image processing data acquired in the image processing data acquiring.

28. A method of generating image data, comprising:

receiving an image as data; and

associating access information in an access information memory device to store access information indicating an acquisition site of image processing data with the image data received in the image receiving.